

Amendments to the Specification

Change page 2, lines 8-11, as follows:

However, when the cell is warmed, there are problems that the cell generates heat easily due to the reaction of the positive electrode active material with the solvent of the electrolyte during charging, or the costs of the active material are high because cobalt or nickel is expensive.

Change page 15, lines 12-16, as follows:

For a separator, porous polyethylene of a thickness of 25 μm was used; for a negative-electrode collector, a nickel foil was used by using a metal lithium foil of a thickness of 300 μm for a negative electrode; and for an electrolyte, 1M-LiPF₆/EC + DEC (1:1) was used to assemble a 2030-type coin cell in an argon glove box.